

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| L1 | 6067 | (228/1.1,4.1,4.5,6.1,6.2,264,13,14,19,20.5,47.1,49.5,56.3).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/05 14:13 |
| L2 | 1189 | L1 and ((flip adj chip or wafer or die or chip or ((bump\$3 or electrode) near (chip or die or wafer))) near bond\$4) or (desolder\$4 or resolder\$4 or rework\$4) near (chip or die or wafer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/05 14:13 |
| L3 | 69 | L2 and (cut or cutt\$4 or wedge or flame or knife or blade) near (wire or electrode or sever\$6 or break\$4 or bump\$4 or flip adj chip or bumped adj (die or chip or wafer)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/05 14:13 |
| L4 | 18 | L3 and (vacuum or chuck) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/05 14:50 |
| L5 | 14 | L3 and (convey\$4 or transport\$6) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/05 14:50 |
| L6 | 9 | L4 and L5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/05 14:13 |
| L7 | 1 | 6 and ioniz\$6 near air | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/05 14:23 |

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|-----|-------|---|--|----|-----|------------------|
| L8 | 8 | 6 and (air or fluid or fluidiz\$6 or gas or gaseous or nitrogen or inert or n2 or "n.sub.2" or he or helium or ar or argon or liquid or water) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/05 14:21 |
| L9 | 6067 | (228/1.1,4.1,4.5,6.1,6.2,264,13,14,19,20.5,47.1,49.5,56.3).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/05 14:19 |
| L10 | 53040 | ((flip adj chip or wafer or die or chip or ((bump\$3 or electrode) near (chip or die or wafer))) near bond\$4) or (desolder\$4 or resolder\$4 or rework\$4) near (chip or die or wafer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/05 14:19 |
| L11 | 18551 | (L9 or L10) and (cut or cutt\$4 or knife or knives or blade) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/05 14:19 |
| L12 | 1068 | L11 and (cut or cutt\$4 or knives or knife or blade) near (wire or electrode or sever\$6 or break\$4 or bump\$4 or flip adj chip or bumped adj (die or chip or wafer)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/05 14:19 |
| L13 | 101 | L12 and (knives or knife or blade) near (wire or electrode or sever\$6 or break\$4 or bump\$4 or flip adj chip or bumped adj (die or chip or wafer)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/05 14:19 |
| L14 | 0 | 13 and ioniz\$6 near air | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/05 14:20 |
| L15 | 82 | 13 and (air or fluid or fluidiz\$6 or gas or gaseous or nitrogen or inert or n2 or "n.sub.2" or he or helium or ar or argon or liquid or water) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/05 14:33 |

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|-----|-------|---|---|----|----|------------------|
| L16 | 53040 | ((flip adj chip or wafer or die or chip or ((bump\$3 or electrode) near (chip or die or wafer))) near bond\$4) or (desolder\$4 or resolder\$4 or rework\$4) near (chip or die or wafer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/05 14:21 |
| L17 | 13 | L16 and ioniz\$6 near air | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/05 14:21 |
| L18 | 7 | 8 not 7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/05 14:29 |
| L19 | 1 | 6 not (7 or 8) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/05 14:29 |
| L20 | 5 | 5 not (6 or 7 or 8) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/05 14:31 |
| L21 | 9 | 4 not (5 or 6 or 7 or 8) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/05 14:32 |
| L22 | 46 | 3 not (4 or 5 or 6 or 7 or 8) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/05 14:49 |
| L23 | 16 | 22 and (air or fluid or fluidiz\$6 or gas or gaseous or nitrogen or inert or n2 or "n.sub.2" or he or helium or ar or argon or liquid or water) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/05 14:33 |

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| L24 | 77 | 15 not (23 or 4 or 5 or 6 or 7 or 8) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/05 14:49 |
| L25 | 10 | 24 and (convey\$4 or transport\$6) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/05 14:50 |
| L26 | 3 | 25 and (vacuum or chuck) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/05 14:50 |
| L27 | 7 | 25 not 26 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/05 14:51 |